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B02C 19/06

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US 5765766 A US 3888425 A US 3255793 A
US 2832545 A US 1614314 A

(58) Field of Search by ISA
INT CL⁷ B02C

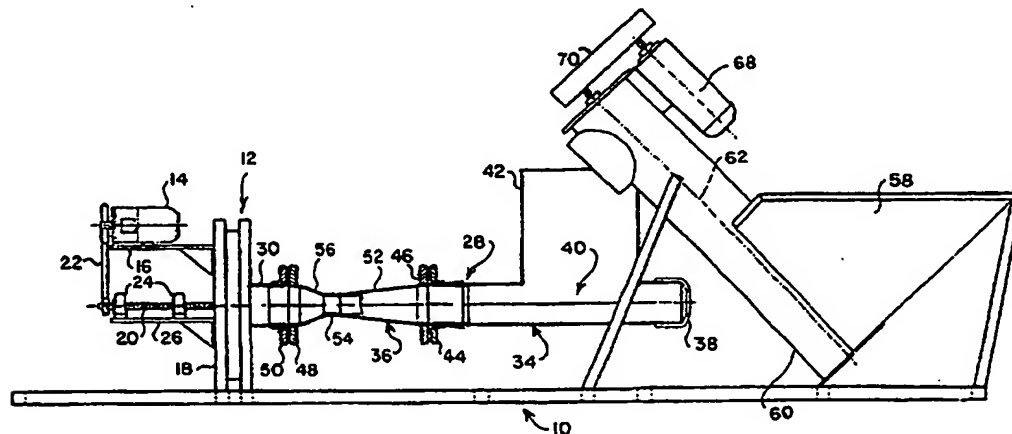
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(54) Abstract Title
Pulveriser and method of pulverising

(57) A pulveriser (10) is disclosed which comprises a fan (12) which sucks air through a pipe (28). A hopper (42) receives material which is to be pulverised, the hopper (42) having an open lower end which communicates with the pipe (28). Between the hopper (42) and the fan (12) there is a venturi (36). Air flows through the venturi (36) at a speed of Mach 1 or above. Pieces of frangible material dropped into the hopper (42) are sucked to the venturi (36) where they are blown apart and reduced to powder.



GB 2 357 712 A

June 14, 1966

F. H. CLUTE
VACUUM COMMUNICATOR

3,255,793

Filed March 1, 1963

3 Sheets-Sheet 1

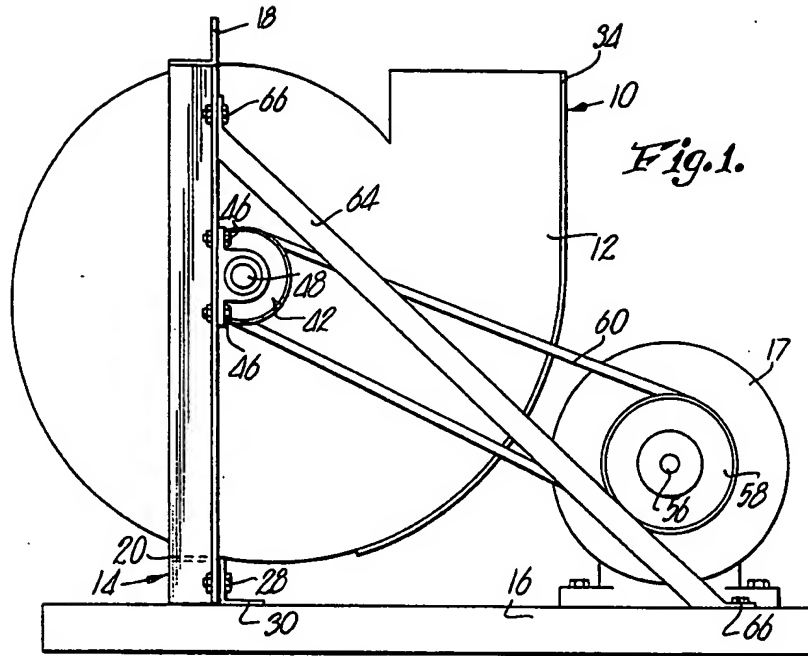


Fig. 1.

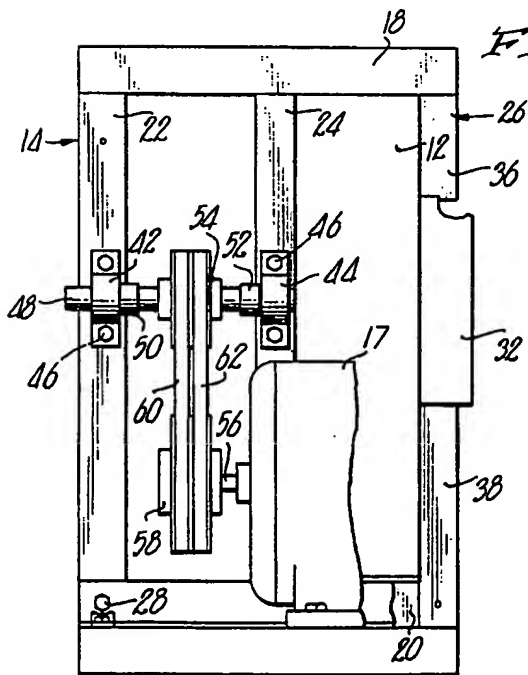


Fig. 2.

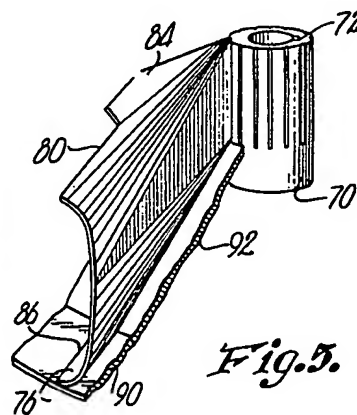


Fig. 5.

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3 Sheets-Sheet 2

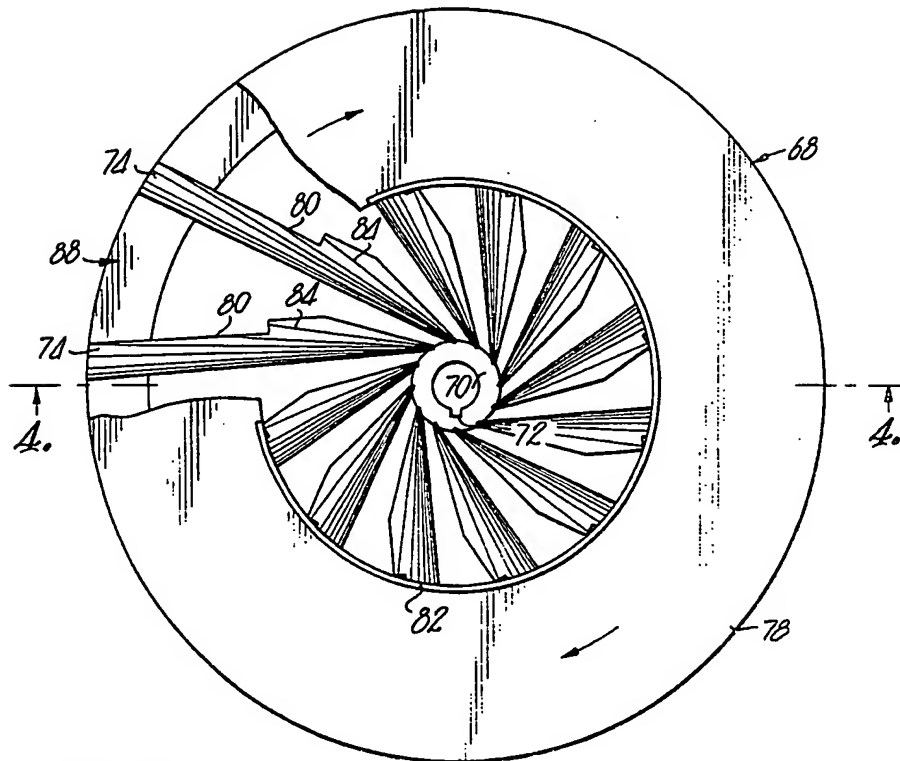


Fig. 3.

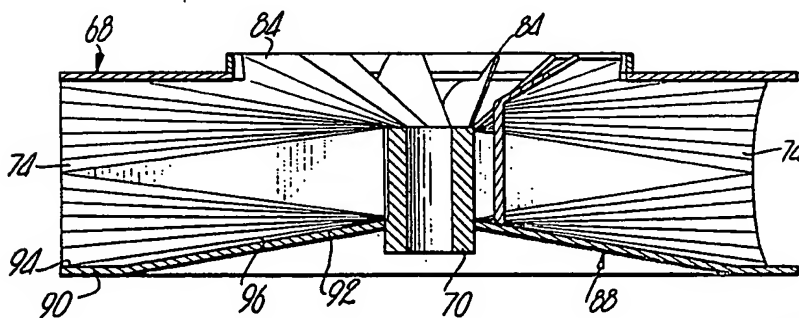


Fig. 4.

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3 Sheets-Sheet 3

Fig. 6.

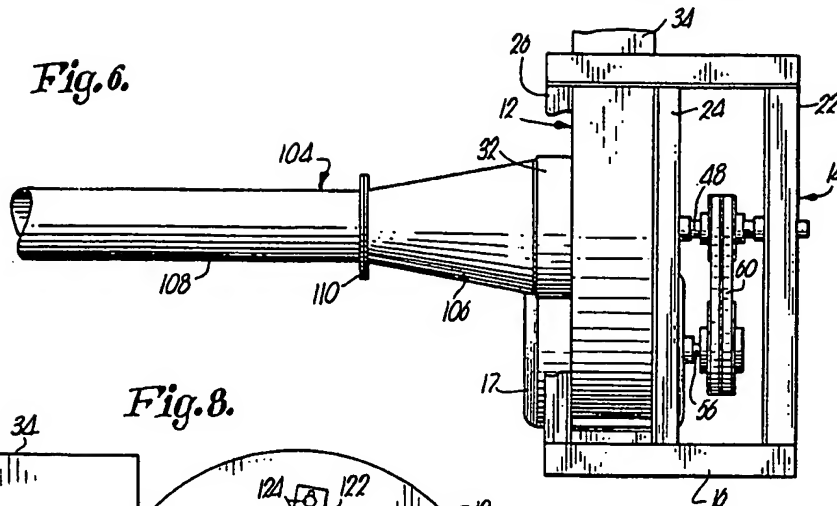


Fig. 8.

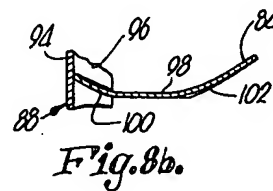
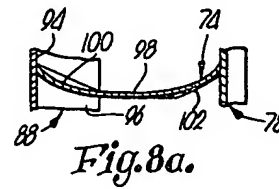
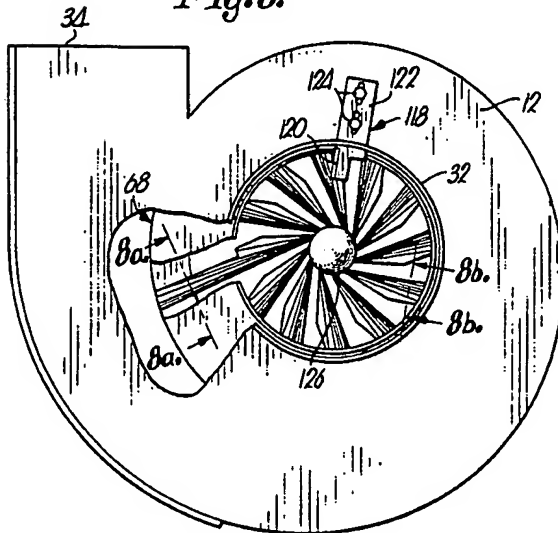
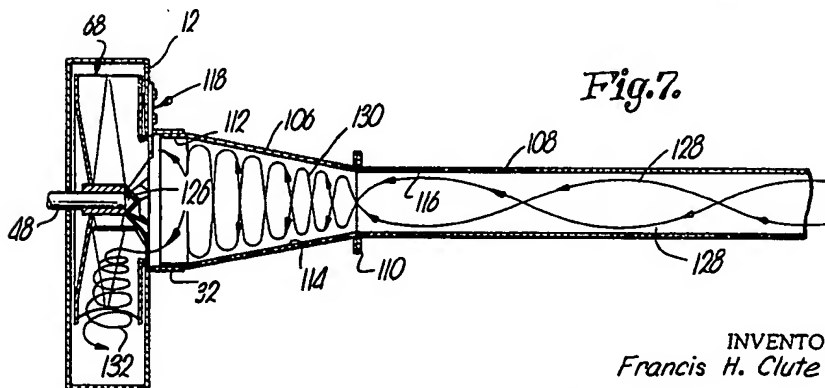


Fig. 7.



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